

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	(US-20020148478-\$ or US-20050076927-\$ or US-20020166563-\$). did. or (US-3690326-\$ or US-4015611-\$ or US-4193412-\$ or US-5423336-\$ or US-5839449-\$ or US-4492240-\$ or US-5671757-\$ or US-4807647-\$ or US-6206007-\$).did. or (GB-2294861-\$).did.	US-PGPUB; USPAT; EPO	ADJ	ON	2011/03/01 15:13
L2	6	I1 and (tar with retention)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/03/01 15:13
L3	1713	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.)	US-PGPUB; USPAT	ADJ	ON	2011/03/01 15:13
L4	35	I3 and (tar with retention)	US-PGPUB; USPAT	ADJ	ON	2011/03/01 15:13
L5	5	I3 and (tar with retention with ("3"\$2 or "4"\$2))	US-PGPUB; USPAT	ADJ	ON	2011/03/01 15:14
L6	9	I3 and (tar with retention same ("3"\$2 or "4"\$2))	US-PGPUB; USPAT	ADJ	ON	2011/03/01 15:21
S2	16	"2294861"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/01/22 14:22
S3	8	"0105682"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/01/22 14:41

S5	1317	((tobacco or tar) filter near5 filter)	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/01/22 14:54
S6	3	((tobacco or tar) filter same (tar with retention))	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/01/22 14:54
S7	1	((tobacco or tar) filter same (tar with retention))	US-PGPUB; USPAT	ADJ	ON	2009/01/22 15:07
S8	1	((tobacco or tar) filter same (tar near retention))	US-PGPUB; USPAT	ADJ	ON	2009/01/22 15:08
S9	1	((tobacco or tar) filter same (tar near5 retention))	US-PGPUB; USPAT	ADJ	ON	2009/01/22 15:08
S10	22	((tobacco or tar) filter and (tar near5 retention))	US-PGPUB; USPAT	ADJ	ON	2009/01/22 15:08
S11	383	(tobacco or cigarette) filter and (draw near5 resistance)	US-PGPUB; USPAT	ADJ	ON	2009/01/22 15:45
S12	38	(tobacco or cigarette) filter and (draw near5 resistance) and (tar near5 retention)	US-PGPUB; USPAT	ADJ	ON	2009/01/22 15:46
S13	0	(tobacco or cigarette) filter and (draw near5 resistance) and (tar near5 retention) and @ad<="2004"	US-PGPUB; USPAT	ADJ	ON	2009/01/22 15:46
S14	4	clarke-paul.in.	US-PGPUB; USPAT	ADJ	ON	2009/01/22 16:03
S18	13536	philip.in.	EPO	ADJ	ON	2009/01/26 08:05
S19	16	131/202.ccls. and (tar near5 retention)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 08:32
S20	31	131/202.ccls. and (dual near5 filter)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 08:36
S21	16	131/202.ccls. and ((dual near5 filter) and draw resistance)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 08:36
S22	42	131/202.ccls. and (((dual or double or two) near5 filter) and ((draw near5 resistance or pressure near5 drop)))	US-PGPUB; USPAT	ADJ	ON	2009/01/26 08:52
S23	26	S22 not S21	US-PGPUB; USPAT	ADJ	ON	2009/01/26 08:52

S24	3	"0532329"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/01/26 09:17
S25	4	"0532329"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/26 09:17
S26	217	(131/202.ccls. or 131/331+.ccls. or 131/338-341.ccls. or 131/361.ccls. or 131/365.ccls.) and (((dual or double or two) near5 filter) and ((draw near5 resistance or pressure near5 drop)))	US-PGPUB; USPAT	ADJ	ON	2009/01/26 09:31
S27	9046	(((dual or double or two) near5 filter) and ((draw near5 resistance or pressure near5 drop or pd)))	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:02
S28	24	dual filter same draw resistance	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:06
S29	165	filter same draw resistance	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:18
S30	165	(filter same draw resistance)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:21
S31	165	(filter same draw resistance) and ad<"2005"	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:21
S32	165	(filter same draw resistance) and ad<"20031013"	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:21
S33	12013	(filter same (draw resistance or pressure drop))	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:24
S34	19	(tobacco filter same (draw resistance or pressure drop))	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:24
S35	19	(tobacco filter same (draw resistance or pressure drop or puff resistance))	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:27
S36	1	(filter same (draw resistance or pressure drop)) and bonded filamentary tow	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:33

S37	2714	(filter same (draw resistance or pressure drop)) and (cellulose or acetate)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:34
S38	938	(filter same (draw resistance or pressure drop)) and (cellulose acetate)	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:35
S39	310	(filter same (draw resistance or pressure drop)) and (cellulose acetate) and tar	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:40
S40	19	(filter same (draw resistance or pressure drop)) and (cellulose acetate) and tar retention	US-PGPUB; USPAT	ADJ	ON	2009/01/26 10:56
S41	15	(tobacco or cigarette) filter and ring tipping	US-PGPUB; USPAT	ADJ	ON	2009/01/26 12:00
S42	7	"5423336"	US-PGPUB; USPAT	ADJ	ON	2009/01/26 12:14
S43	14	co/tar	US-PGPUB; USPAT	ADJ	ON	2009/01/26 13:34
S44	3	co/tar and dual filter	US-PGPUB; USPAT	ADJ	ON	2009/01/26 13:36
S45	3	co/tar and dual filter and cellulose acetate	US-PGPUB; USPAT	ADJ	ON	2009/01/26 13:38
S46	18909	filter and mirror image	US-PGPUB; USPAT	ADJ	ON	2009/01/26 13:47
S47	8	tobacco filter and mirror image	US-PGPUB; USPAT	ADJ	ON	2009/01/26 13:47
S48	51	cigarette filter and mirror image	US-PGPUB; USPAT	ADJ	ON	2009/01/26 13:48
S49	10	(US-20020148478-\$ or US-20050076927-\$ or US-20020166563-\$). did. or (US-3690326-\$ or US-4015611-\$ or US-4193412-\$ or US-5423336-\$ or US-5839449-\$ or US-4492240-\$).did. or (GB-2294861-\$).did.	US-PGPUB; USPAT; EPO	ADJ	OFF	2009/08/11 11:32
S50	3	S49 and draw resistance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/11 11:32

S51	4	S49 and tar retention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/11 11:35
S52	2	dual filter and draw resistance and tar retention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/11 11:43
S53	13	filter and draw resistance and tar retention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/11 11:56
S54	13	filter and draw resistance and tar retention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 11:56
S55	13	draw resistance and tar retention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 12:02
S56	1116	dual filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/11 12:07
S57	448	draw resistance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 12:31
S58	276	draw resistance and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 12:31

S59	255	draw resistance and (filter with cigarette)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 12:31
S60	1337	(draw resistance or pressure drop) and (filter with cigarette)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 12:36
S61	21	(draw resistance or pressure drop) and (filter with cigarette) and tar retention	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 12:36
S62	797	CO delivery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/17 08:24
S63	34	CO delivery with mg	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/08/17 08:24
S64	0	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw near5 resistance or pressure near5 drop)) and (dual near5 filte)	US-PGPUB; USPAT	ADJ	ON	2010/02/04 11:42

S65	89	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw near5 resistance or pressure near5 drop)) and (dual near5 filter)	US-PGPUB; USPAT	ADJ	ON	2010/02/04 11:42
S66	85	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw resistance or pressure drop)) and (dual near5 filter)	US-PGPUB; USPAT	ADJ	ON	2010/02/04 11:43
S67	49	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw resistance or pressure drop)) and (dual filter)	US-PGPUB; USPAT	ADJ	ON	2010/02/04 11:43
S68	29	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw resistance or pressure drop)) same (dual near5 filter)	US-PGPUB; USPAT	ADJ	ON	2010/02/04 11:43

S69	29	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and (((draw resistance or pressure drop)) same (dual near5 filter))	US-PGPUB; USPAT	ADJ	ON	2010/02/04 11:44
S70	1677	(131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.)	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:05
S71	1133	S70 and filter	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:05
S72	8	S70 and filter and tar retention	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:05
S73	96	S70 and filter and draw resistance	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:06
S74	4	S72 and S73	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:06
S75	412	S70 and filter and (draw resistance or pressure drop)	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:06
S76	7	S72 and S75	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:06
S77	244	S70 and filter and (draw resistance or pressure drop) and tar	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:06
S78	10	S70 and filter and (draw resistance or pressure drop) and tar (retention or amount)	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:07
S79	10	S70 and filter and (draw resistance or pressure drop) and tar (retention or amount or percent%3)	US-PGPUB; USPAT	ADJ	ON	2010/07/20 11:07

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